



THE STATE OF UTAH
OFFICE OF STATE ENGINEER
SALT LAKE CITY

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STATE ENGINEER

July 29, 1965

M E M O: For the record

By: Earl M. Staker, Distribution Engineer

Subject: Fairview Lakes Diversions

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On July 29th, 1965 a field examination was conducted by Earl M. Staker for the purpose of determining if Cottonwood-Gooseberry Irrigation Company had complied with a recent order from the State Engineer's Office to rebuild their temporary measuring devices located on their Fairview Lakes diversions.

It was found that they had completed most of the repairs needed to enable the use of the devices temporarily as 8-ft. rectangular weirs, although the lower weir was leaking around the sides, and the upper weir was leaking underneath.

At the time of the examination, the ditch had broken just above the lower weir and most of the water was flowing down Gooseberry Creek.

The measurements were recorded as follows:

Upper Weir:

Gage Height, ft.	Flow, c.f.s.
0.34	5.20
Plus Leakage (est.)	0.60
Total	5.80 c.f.s.

Lower Weir:

0.15	1.41
Plus Leakage (est.)	0.30
Total	1.71 c.f.s.

I have since talked to Dave Rowley, and he informed me that the lower weir has been moved upstream to a better location.

JULY 29, 1965
GOOSEBERRY DIVERSIONS



VIEWS SHOWING CONDITION OF LOWER WEIR & THE DITCH



JULY 29, 1965
GOOSEBERRY DIVERSIONS



VIEWS SHOWING UPPER WEIR & BREAK IN CANAL

